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United States
Department of
Agriculture

Soil
Conservation
Service

Reno,
Nevada



Nevada Water Supply Outlook

May 1, 1985



Foreward

How Forecasts Are Made

Most of the annual streamflow in the Western United States originates as snowfall. This snowfall accumulates high in the mountains during winter and early spring. As the snowpack accumulates, hydrologists estimate the runoff that will occur when it melts. Predictions are based on careful measurements of snow water equivalent at selected index points. Precipitation, temperature, soil moisture and antecedent streamflow data are viewed in conjunction with snowpack data to prepare runoff forecasts. This report presents a comprehensive picture of water supply outlook conditions for areas dependent upon surface runoff. It includes selected streamflow forecasts, summarized snowpack and precipitation data, reservoir storage data and narratives describing current conditions.

Streamflow forecasts are cooperatively generated by Soil Conservation Service and National Weather Service hydrologists. Forecasts become more accurate as more data affecting runoff becomes known. For this reason forecasts are issued that reflect three future precipitation conditions — Below Normal, Average, and Above Normal. These forecasts are termed reasonable minimum, most probable, and reasonable maximum. Actual streamflow can be expected to fall between the lower and upper forecast values eight out of ten years.

Snowpack data are obtained by using a combination of manual and automated measurement methods. Manual readings of snow depth and water equivalent are taken at locations called snow courses on a monthly or semi-monthly schedule during the winter. In addition, snow water equivalent, precipitation, temperature, and other parameters are monitored on a daily basis and transmitted via radio telemetry to central data collection facilities. Both monthly and daily data are used to project snowmelt runoff.

For More Information

Copies of Monthly Water Supply Outlook Reports and other reports may be obtained from the states listed below.

STATE	ADDRESS
Alaska	Room 129, 2221 East Northern Lights Blvd., Anchorage, AK 99504
Arizona	Room 3008, Federal Building, 230 North First Ave., Phoenix, AZ 85025
Colorado (New Mexico)	2490 West 26th Ave., Denver, CO 80211
Idaho	304 North 8th Street, Room 345, Boise, ID 83702
Montana	10 East Babcock, Room 443, Federal Building, Bozeman, MT
Nevada	50 South Virginia Street, Third Floor, Reno, NV 89505
Oregon	1220 Southwest 3rd Ave., 16th Floor, Portland, OR 97204
Utah	4418 Federal Building, 125 South State Street, Salt Lake City, UT 84147
Washington	360 U.S. Court House, Spokane, WA 99201
Wyoming	Federal Building, 100 East "B" Street, Casper, WY 82602

In addition to state reports, a Water Supply Outlook Report for the Western United States is published by the Soil Conservation Service and National Weather Service monthly, January through May. Reports may be obtained from the Soil Conservation Service, West National Technical Center, 511 Northwest Broadway, Room 514, Portland, OR 97209.

Published by other agencies:

Water Supply Outlook Reports prepared by other agencies include: California — Snow Survey Branch, California Department of Water Resources, P.O. Box 388, Sacramento, CA 95802; British Columbia — The Ministry of Environment, Water Investigations Branch, Parliament Buildings, Victoria, British Columbia, V8V 1X5; Yukon Territory — Department of Indian and Northern Affairs, Northern Operations Branch, 200 Range Road, Whitehorse, Yukon Territory, Y1A 3V1; Alberta, Saskatchewan, and N.W.T. — The Water Survey of Canada, Inland Waters Branch, 110-12 Avenue S.W., Calgary, Alberta, T3C 1A6.

Nevada Water Supply Outlook and

Federal — State — Private Cooperative Snow Surveys

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All Averages are for 1961-1980, 20 year period.

WATER SUPPLY OUTLOOK FOR NEVADA

WATER SUPPLY CONDITIONS

Snowpack conditions in Nevada have changed dramatically since April first. A warm, dry April caused accelerated snowmelt, producing above average streamflow and reducing basin water content averages by as much as 50%. The result of the snowmelt was water storage increases during April at seven reservoirs. The surface elevation of Lake Tahoe increased by .31 feet or 207% of average for the month of April.

The snowpack in the Lake Tahoe and Truckee basins is 50% of May first twenty year averages. April first values for these two basins were approximately 90% of average. The Mt. Rose Ski Area snow course has 27.1 inches of water as compared to an average of 41.1 inches.

The snowpack in the Carson and Walker River basins is well below average. The two basins are now 50 and 45% of average, respectively. These basins were approximately 90% of average on April first. The Sonora Pass snow course has 6.7 inches of water compared to an average of 21.4 inches.

The snowpack condition in the Snake, Owyhee, Northern Great, Eastern Nevada and Humboldt basins is also below May first averages. No snow was recorded at the Lamoille #3 snow course, which has a May first average of 6.8 inches of water equivalent. Conditions are a somewhat better in the Snake River basin with the Goat Creek course reporting 18.2 inches of water compared to a 20.2 inch average.

RESERVOIR STORAGE

Water storage in the major Nevada lakes and reservoirs is well above the May first average. Total storage is 1,210,300 acre feet which is 130% of average. Last year's total storage on May first was 1,091,000 acre feet. The only reservoir with below average storage is Topaz Reservoir with 88% of average. Lake Tahoe is 130% of average with total storage increasing 33,100 acre feet during the month. Water stored in Rye Patch Reservoir, near Lovelock, Nevada, stands at 174,200 acre feet, 140% of average. This is an increase of 6,200 acre feet since April first.

STREAMFLOW FORECASTS

Exceptionally warm temperatures and below average precipitation during April have necessitated a downward revision of many streamflow forecasts affecting Nevada. Streamflow forecasts for western Nevada are 10 to 20% below the values issued on April first. The forecast for the Truckee River at Farad, California is 225,000 acre feet for the period April through July. This value is 20,000 acre feet below the April first forecast. Runoff from the Little Truckee River above Boca, California is expected to be 75,000 acre feet during the forecast period. These values are 80% of long term averages.

Streamflow forecasts for the rest of Nevada are between 100 and 140% of average. Forecasts for the Humboldt River at Palisade and Comus have been reduced by approximately 5%. The remainder of the northern and eastern Nevada forecasts are 5 to 10% below April first forecast values. The Humboldt River at Palisade will produce 235,000 acre feet of water from April first through the end of July. The forecast for the Humboldt River at Comus is 190,000 acre feet, which is 109% of average.

The forecast for the Owyhee River near Gold Creek, Nevada is 27,000 acre feet or 115% of average. The recorded flow at this location during April was 22,300 acre feet or 83% of the total flow expected during the period of April through July.

Northern Great Basin streamflow forecasts are 10 to 20% below the values issued on April first. Bidwell Creek near Fort Bidwell, California is expected to produce 12,000 acre feet, while the Quinn River near McDermitt, Nevada will flow 12,700 acre feet. These values are 100 and 108% of average respectively.

STREAMFLOW FORECASTS (Thousand Acre Feet) as of: May 1, 1985

Forecasts are based on snow-water presently stored in the mountain watersheds and the assumption that precipitation will be near average throughout the forecast period. Peak flow forecasts indicate the most probable range for the maximum average 24-hour flow. All averages are for 1961-1980 period.

FORECAST POINT	Forecast Period	Forecast This Year	This Year as Percent of Average	Average
TRUCKEE RIVER				
Lake Tahoe Rise in feet (assuming gates closed)	April 1 to High May 1 to High	1.10 0.79	79.00 64.00	1.39 1.24
Little Truckee River abv Boca, CA	Apr-Jul May-Jul	75.00 47.00	81.00 64.00	92.50 72.00
Truckee River at Farad, CA*	Apr-Jul May-Jul	225.00 144.00	83.00 71.00	269.00 203.40
Sagehen Creek, CA	Apr-Jul	5.30	82.00	6.50
Washoe Lake Rise	April 1 to High	0.80	73.00	1.10
Galena Creek near Steamboat, NV	Apr-Jul	3.50	81.00	4.40
Steamboat Creek at Steamboat, NV	Apr-Jul	4.00	77.00	5.20
Pyramid Lake Rise	Feb 1 to High	0.80 ft.	73.00	1.10
CARSON RIVER				
E. Carson near Gardnerville, NV	Apr-Jul	165.00	88.00	187.00
W. Carson at Woodfords, CA	Apr-Jul	45.00	85.00	53.00
Carson River near Carson City, NV	Apr-Jul May-Jul	150.00 99.00	82.00 66.00	182.00 150.00
Carson River nr Ft. Churchill, NV	Apr-Jul	140.00	84.00	166.00
Walker Lake Decline	April 1 to Low	-0.50 ft.		
WALKER RIVER				
E. Walker near Bridgeport, CA**	Apr-Aug	55.00	83.00	66.00
W. Walker blw L. Walker nr Coleville	Apr-Aug May-Jul	130.00 104.00	88.00 78.00	148.00 133.30
SNAKE RIVER				
Owyhee River near Owyhee, NV***	Apr-Jul May-Jul	110.00 44.10	129.00 77.00	85.40 57.00
Owyhee River near Gold Creek, NV***	Apr-Jul May-Jul	27.00 4.70	113.00 31.00	23.40 15.10
S. F. Owyhee River nr White Rock, NV	Apr-Jul	115.00	139.00	83.00
Salmon Falls Crk. nr San Jacinto, NV	May-Jul	45.00	74.00	95.00
HUMBOLDT RIVER				
Lamoille Crk. nr Lamoille, NV	Apr-Jul	29.00	101.00	28.70
S. F. Humboldt abv Dixie Crk., NV	Apr-Jul	78.00	104.00	75.00
Mary's River abv Hot Springs, NV	Apr-Jul	39.00	106.00	36.90
N. F. Humboldt at Devils Gate, NV	Apr-Jul	35.00	101.00	34.80
Humboldt River at Palisades, NV	Apr-Jul May-Jul	235.00 150.00	102.00 82.00	230.00 182.40
Humboldt River at Comus, NV	Apr-Jul	190.00	109.00	173.00
Kingston Creek near Austin, NV	Apr-Jul	4.50	136.00	3.30
L. Humboldt nr Paradise Valley, NV	Apr-Jul	12.70	131.00	9.70
Martin Creek nr Paradise Valley, NV	Apr-Jul	18.50	117.00	15.80
Reese River near Ione, NV	Apr-Jul	9.10	138.00	6.60
Rock Creek nr Battle Mountain, NV	Apr-Jul	18.20	114.00	16.00

STREAMFLOW FORECASTS (Thousand Acre Feet) as of: May 1, 1985

Forecasts are based on snow-water presently stored in the mountain watersheds and the assumption that precipitation will be near average throughout the forecast period. Peak flow forecasts indicate the most probable range for the maximum average 24-hour flow. All averages are for 1961-1980 period.

FORECAST POINT	Forecast Period	Forecast This Year	This Year as Percent of Average	Average
NORTHERN GREAT BASIN				
Bidwell Creek nr Ft. Bidwell, CA	Apr-Jul	12.00	100.00	12.00
Mill Creek near Cedarville, CA	Apr-Jul	4.00	98.00	4.10
Deep Creek near Cedarville, CA	Apr-Jul	3.50	97.00	3.60
Eagle Creek near Eagleville, CA	Apr-Jul	4.20	98.00	4.30
Quinn River near McDermitt, NV	Apr-Jul	17.30	108.00	16.00
E. F. Quinn River near McDermitt, NV	Apr-Jul	14.00	108.00	13.00
McDermitt Creek nr McDermitt, NV	Apr-Jul	12.70	106.00	12.00
EASTERN NEVADA				
Franklin River near Arthur, NV	Apr-Jul	5.90	100.00	5.90
Steptoe Creek near Ely, NV	Apr-Jul	2.70	134.00	2.00
COLORADO RIVER				
Virgin River near Hurrican, UT	May-June	40.00	100.00	40.00

NOTE: Streamflow forecasts which appear in this Bulletin are a coordinated activity of the National Weather Service and the Soil Conservation Service.

- * Observed flow plus change in storage in Boca, Stampede, and Prosser Reservoirs, Donner, Independence and Martis Creek Lakes, and minus the flow at Truckee.
- ** Observed flow plus change in storage in Bridgeport Reservoir.
- *** Observed flow plus change in storage in Wild Horse Reservoir.

RESERVOIR STORAGE (Thousand Acre Feet) AS OF May 1, 1985

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage		
			This Year	Last Year	Average †
Owyhee	Wild Horse	72++	71.2	64	43.1
Lower Humboldt	Rye Patch	194	174.2	142	122.7
Colorado	Mohave	1,810	1,762.9	1,525	1,700.0
Colorado	Mead	26,159	23,821.0	23,784	17,200.0
Tahoe	Tahoe	745	581.1	541	443.0
Truckee	Boca	41	36.9	32	29.9
Truckee	Stampede**	222	181.5	205	116.2*
Truckee	Prosser***	30	17.3	15	12.7*
Carson	Lahontan	295	274.9	219	228.4
West Walker	Topaz	59	35.2	55	39.8
East Walker	Bridgeport	42	36.8	38	30.8

* Adjusted average.

** Storage began August 1, 1969.

*** Flood Control use allocation of 20,000 acre-feet between November 1 and April 10.

TOTAL RESERVOIR STORAGE (Thousand Acre Feet)

MONTH	This Year	Last Year	Average †
October 1	976.1	705	698.1
January 1	978.6	1,211	707.7
February 1	948.5	1,041	795.8
March 1	1,008.2	992	850.7
April 1	1,110.4	976	901.1
May 1	1,210.3	1,091	1,009.3

The above data developed from Wild Horse, Rye Patch, Tahoe, Boca, Lahontan, Topaz, and Bridgeport Reservoirs in 1,000 Acre-feet.

TOTAL USABLE CAPACITY

PEAK FLOWS (MAXIMUM MEAN DAILY) (Av. flow for 24 hrs. on day of greatest flow)

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average †
E. Fork Carson River nr Gardnerville, NV	1255-1630	1,865
Carson River nr Carson City, NV	1385-1885	2,098
Carson River nr Ft. Churchill, NV	1390-1740	1,914
W. Walker R. below L. Walker R. nr Coleville, CA	1151-1551	1,589

FORECAST DATE of LOW FLOW VALUES

FORECAST POINT	Low Flow Value Second/ Ft.	Forecast Date Stream Will Recede to Low Flow Value	Average Date of Low Flow Value
East Carson River near Gardnerville, NV	200	July 16	July 24
East Carson River near Gardnerville, NV	500	June 12	June 28

BASIN SUMMARY OF SNOW COURSE DATA

MAY 1985

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 1961-80
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LAKE TAHOE

ECHO PEAK (CA)	7800	4/30/85	31	15.2S	43.8	32.1
ECHO SUMMIT (CA)	7450	4/29/85	35	16.3	36.3	25.7
FALLEN LEAF (CA)	6300	4/30/85	0	.0S	.0	2.2
HAGANS MEADOW (CA)	8000	4/30/85	4	1.6S	12.6	12.3
HEAVENLY VALLEY (CA)	8850	4/30/85	23	10.5S	27.2	24.2
MARLETTE LAKE	8000	4/30/85	19	8.3S	25.5	20.6
RUBICON #2 (CA)	7500	4/30/85	40	17.8S	27.9	26.0
TAHOE CITY CROSS(CA)	6750	4/30/85	0	.0S	2.7	--
WARD CREEK #3 (CA)	6750	4/30/85	28	12.9S	32.0	37.9

TRUCKEE RIVER

BIG MEADOWS	8300	4/30/85	26	11.2S	26.5	--
CASTLE CREEK (CA)	7400	4/30/85	61	31.8	59.3	49.0
DONNER SUMMIT (CA)	6900	4/25/85	41	20.6	41.1	32.8
INDEPENDENCE CAMP CA	7000	4/30/85	0	.0	11.7	15.9
INDEPENDENCE CREEK	6500	4/30/85	0	.0	1.3	6.1
INDEPENDENCE LAKE CA	8450	4/02/85	76	32.0	53.0	43.9
MT. ROSE	9000	4/30/85	41	17.9S	44.1	32.5
MT. ROSE SKI AREA	9000	4/29/85	61	27.1	54.1	41.1
SQUAW VALLEY G.C.,CA	8200	4/30/85	47	21.9S	50.6	51.7
TAHOE CITY CROSS(CA)	6750	4/30/85	0	.0S	2.7	--
TRUCKEE #2 (CA)	6400	4/29/85	11	4.8S	5.3	--

CARSON RIVER

CARSON PASS, UP (CA)	8600	4/29/85	33	14.6	31.7	33.2
EBBETTS PASS #2 (CA)	8700	4/30/85	38	17.6S	37.9	36.3
POISON FLAT #2 (CA)	7900	4/30/85	10	4.5S	3.3	13.1
SPRATT CREEK (CA)	6080	4/30/85	0	.0S	.0	--

WALKER RIVER

LEAVITT MEADOWS (CA)	7200	4/30/85	0	.0S	.0	.0
LOBDELL LAKE (CA)	9200	4/30/85	16	6.3S	16.2	15.3
SONORA PASS (CA)	8800	4/29/85	14	6.7	23.0	21.4
VIRGINIA LAKES (CA)	9500	4/29/85	0	.0	21.0	15.3
VIRGINIA LAKES RIDGE	9200	4/29/85	39	15.1	16.6	17.9

B A S I N S U M M A R Y O F
S N O W C O U R S E D A T A

MAY 1985

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 1961-80

NORTHERN GREAT BASIN						
CEDAR PASS (CA)	7100	4/30/85	15	6.3S	22.8	13.9
DISASTER PEAK	6500	4/30/85	0	.0S	17.7	7.4
SNAKE RIVER						
BEAR CREEK	7800	4/30/85	---	16.9E	39.3	20.2
GOAT CREEK	8800	4/30/85	46	18.2	36.0	20.2
POLE CREEK R.S.	8330	4/30/85	53	21.6	40.0	24.4
SEVENTYSIX CREEK	7100	4/30/85	0	.0S	22.3	5.2
OWYHEE RIVER						
BIG BEND	6700	4/30/85	0	.0S	10.0	2.8
FAWN CREEK #2	7050	4/30/85	43	13.8S	35.3	13.0
JACK CREEK #2, UPPER	7280	4/30/85	45	16.3S	40.4	14.6
LAUREL DRAW	6700	4/30/85	0	.0S	13.6	1.5
TAYLOR CANYON	6200	4/30/85	0	.0S	8.7	.0
HUMBOLDT RIVER, UPPER						
CORRAL CANYON	8500	5/02/85	19	7.0S	28.4	14.9
DORSEY BASIN	8100	4/30/85	0	.0S	36.4	10.3
DRAW CREEK #2	7450	4/30/85	0	.0S	--	--
GREEN MOUNTAIN	8000	4/30/85	2	.7S	24.6	9.3
LAMOILLE #1	7100	4/30/85	0	.0	15.8	3.6
LAMOILLE #3	7700	4/30/85	0	.0	22.9	6.8
LAMOILLE #5	8700	4/30/85	54	24.4	49.2	27.6
TREMEWAN RANCH	5700	4/29/85	0	.0	--	.0
HUMBOLDT RIVER, LOWER						
BIG CREEK SUMMIT	8700	4/30/85	66	23.3S	40.4	15.8
EASTERN NEVADA						
BERRY CREEK	9100	4/30/85	36	11.9S	.0	16.3
HOLE-IN-MOUNTAIN	7900	4/27/85	17	7.1S	46.8	--
WARD MOUNTAIN #2 AM	9200	4/30/85	0	.0S	11.9	--

DESERT RESEARCH INSTITUTE
TAHOE-TRUCKEE BASIN

S N O W M E A S U R E M E N T S

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH (inches)	WATER CONTENT (inches)	LAST YEAR (inches)
Alder Creek	6,960	4/30/85	50.0	26.1	44.1
Apollo Way	7,300	4/30/85	0.0	0.0	0.0
Bennett Flat	6,200	4/30/85	0.0	0.0	0.0
Brockway Summit	7,200	4/30/85	0.0	0.0	0.0
Cabin Creek	6,540	4/30/85	0.0	0.0	0.0
Clear Creek	5,800	4/30/85	0.0	0.0	0.0
Cliff Ranch, Franktown	5,250	4/30/85	0.0	0.0	0.0
Davis Creek	5,160	4/30/85	0.0	0.0	0.0
Evergreen Hills Road	5,700	4/30/85	0.0	0.0	0.0
Fuller Lake	6,200	4/30/85	0.0	0.0	0.0
Galena Creek	7,440	4/30/85	0.0	0.0	0.0
Hennes Past Jct.	6,410	4/30/85	10.0	4.4	3.2
Hobart Mill	5,850	4/30/85	0.0	0.0	0.0
Incline Creek	6,235	4/30/85	0.0	0.0	0.0
Jones Creek	6,000	4/30/85	0.0	0.0	0.0
Joy Lake	6,000	4/30/85	0.0	0.0	0.0
Jct. 395 and NV 27	4,590	4/30/85	0.0	0.0	0.0
Lancer	5,110	4/30/85	0.0	0.0	0.0
Little Valley	6,540	4/30/85	0.0	0.0	0.0
Mount Rose Resort	8,280	4/30/85	11.5	5.4	31.6
North Star Fire Dept.	6,320	4/30/85	0.0	0.0	0.0
RNR Forestry Site	6,400	4/30/85	0.0	0.0	0.0
Reindeer Lodge	7,060	4/30/85	0.0	0.0	0.0
Sagehen Creek	6,340	4/30/85	0.0	0.0	0.0
Sky Tavern	7,620	4/30/85	0.0	0.0	0.0
Spooner Summit	7,260	4/30/85	0.0	0.0	0.0
Squaw Valley Fire Dept.	6,240	4/30/85	0.0	0.0	0.0
Tahoe City	6,240	4/30/85	0.0	0.0	0.0
Tahoe Meadows	8,540	4/30/85	49.0	24.9	46.8
Tamarack Lake	8,820	4/30/85	39.0	16.4	38.3
Third Creek	8,000	4/30/85	0.0	0.0	0.0
Thunder Cliff	6,200	4/30/85	0.0	0.0	0.0
Truckee-Tahoe Airport	5,900	4/30/85	0.0	0.0	0.0
Whites Creek	5,670	4/30/85	0.0	0.0	0.0

P R E C I P I T A T I O N D A T A

MAY 1985

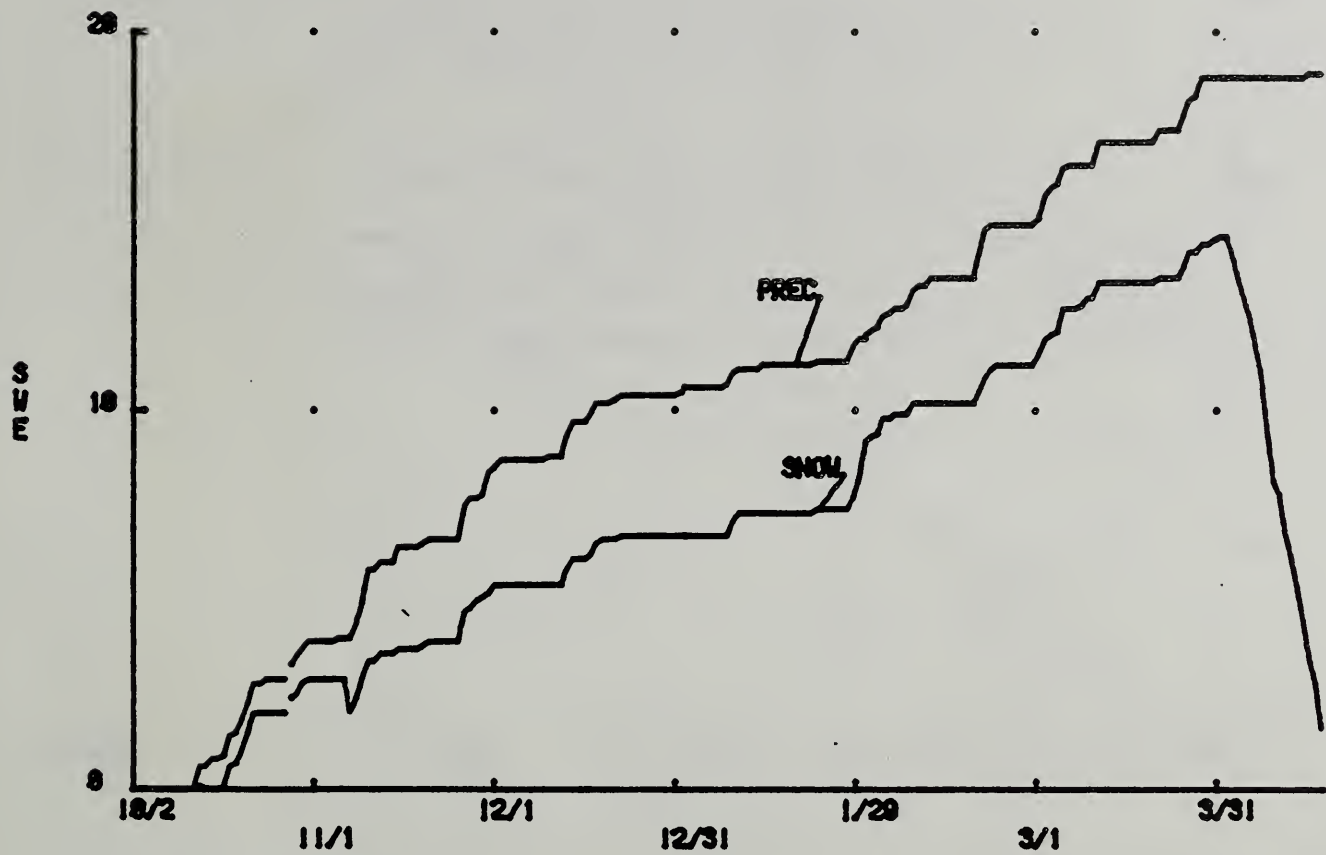
PRECIPITATION STATION	APRIL		WATER YEAR	
	THIS YEAR	61-80 AVERAGE	TOTAL TO DATE	61-80 AVERAGE
ARTHUR 4NW,NV	.51	1.17	9.88	9.80
AUSTIN,NV	N O R E P O R T			
BATTLE MOUNTAIN,NV	.11	.99	4.17	5.80
BEAR CREEK,NV	2.30	2.48	24.40	23.86
BERRY CREEK,NV	1.60	2.51	---	20.89
BIG BEND,NV	1.10	1.49	10.30	13.07
BIG CREEK SUMMIT,NV	1.90	1.35	20.20	14.75
BOIES RESERVOIR	N O R E P O R T			
BUCKSKIN LOWER,NV	1.50	1.85	17.70	19.88
CALIENTE	.44	---	4.93	---
CARSON CITY	.10	---	6.26	---
CEDAR PASS	2.20	---	30.50	---
CEDARVILLE	.36	.97	8.09	11.01
CONTACT	.09	.83	4.67	5.27
CORRAL CANYON,NV	6.00	2.96	---	22.08
DEETH	.22	---	6.65	---
DENIO	1.16	.76	9.21	5.71
DESSERT ROCK	.02	---	4.73	---
DIAMOND PEAK	.50	---	13.40	---
DISMAL SWAMP	3.30	---	39.10	---
DISASTER PEAK,NV	1.30	.50	16.50	16.71
DORSEY BASIN,NV	1.20	2.93	20.00	22.40
DRAW CREEK	.80	---	---	---
DUFURRENA, NV	.54	.56	5.71	4.26
ELKO,NV	.23	.93	5.61	6.37
ELY,NV	.17	1.04	5.31	5.41
EMIGRANT PASS,NV	.21	1.25	7.74	7.84
FAWN CREEK #2,NV	1.80	3.30	23.50	19.58
FALLON EXP. STN.	.78	---	3.53	---
FALLON NAS	.79	---	3.75	---
FERGUSON RANCH	N O R E P O R T			
FORD CORRAL	N O R E P O R T			
FRY CANYON	N O R E P O R T			
FORTY-NINE MOUNTAIN	N O R E P O R T			
GOAT CREEK,NV	N O R E P O R T			
GRANITE PEAK,NV	2.00	2.50	24.10	25.05
GREEN MOUNTAIN,NV	2.10	2.24	20.70	25.38
HAWTHORNE	.20	---	1.85	---
HOLE-IN-MOUNTAIN,NV	1.40	4.80	---	41.80
JACK CREEK ,UPPER,N	1.00	2.14	18.50	22.18

PRECIPITATION STATION	APRIL		WATER YEAR	
	THIS YEAR	61-80 AVERAGE	TOTAL TO DATE	61-80 AVERAGE
JACK'S PEAK, NV	1.80	4.36	23.20	40.56
JIGG'S	.44	---	6.36	---
LAMANCE CREEK	2.20	---	18.90	---
LAMOILLE, NV	N O	R E P O R T		
LAMOILLE #3, NV	2.00	2.41	20.40	21.90
LAS VEGAS	.31	---	3.21	---
LAUREL DRAW, NV	2.40	2.18	20.80	21.04
LOVELOCK FAA	.13	---	3.80	---
MARTIN CREEK RS, NV	N O	R E P O R T		
MINDEN	N O	R E P O R T		
MONTELLO	.08	.66	---	3.76
MOUNTAIN CITY RS, NV	.78	1.02	6.62	8.32
MT. ROSE/XMAS TREE	.00	---	14.30	---
OROVADA, NV	.39	1.07	6.39	7.11
OWYHEE, NV	.69	1.45	8.06	9.06
PARADISE VALLEY, NV	.41	.46	7.40	6.47
PEQUOP	.20	---	5.48	---
PINYON MINE (NE WMC)	.45	---	5.24	---
PIOCHE	.75	---	8.30	---
POLE CREEK RS, NV	1.30	1.95	13.20	15.84
RENO WSFO	.01	---	4.35	---
RENO UNR	.01	---	3.88	---
RODEO FLAT, NV	N O	R E P O R T		
RUBY LAKE	.58	---	8.74	---
SEVENTYSIX CREEK, NV	1.00	1.80	12.80	16.27
SKY TAVERN	N O	R E P O R T		
SPARKS-FIRE DEPT	.01	---	4.59	---
SPARKS-COBB	N O	R E P O R T		
STATELINE	.07	---	7.16	---
TAYLOR CANYON, NV	.10	1.05	7.10	9.67
TONOPAH	.01	---	2.30	---
TROUT CREEK, LOWER	N O	R E P O R T		
TUSCARORA, NV	.36	.86	7.95	7.36
VIRGINIA CITY	.01	---	11.89	---
WARD MOUNTAIN, NV	N O	R E P O R T		
WILDHORSE RESERVOIR	.93	---	7.74	---
WELLS	.14	.94	5.71	5.97
WINNEMUCCA	.20	---	5.99	---
YERINGTON	.16	---	2.22	---
ALTURAS	.34	1.00	7.23	9.41
BIG MEADOWS, NV	.40	1.60	27.00	48.00
BISHOP WSO	.00	---	3.30	---
BLUE CANYON	1.22	---	45.91	---
BLUE LAKES, CA	.80	5.30	57.50	52.82
BOCA	.15	1.56	16.78	19.13
BRIDGEPORT-SHERIF	.01	.37	6.34	8.89

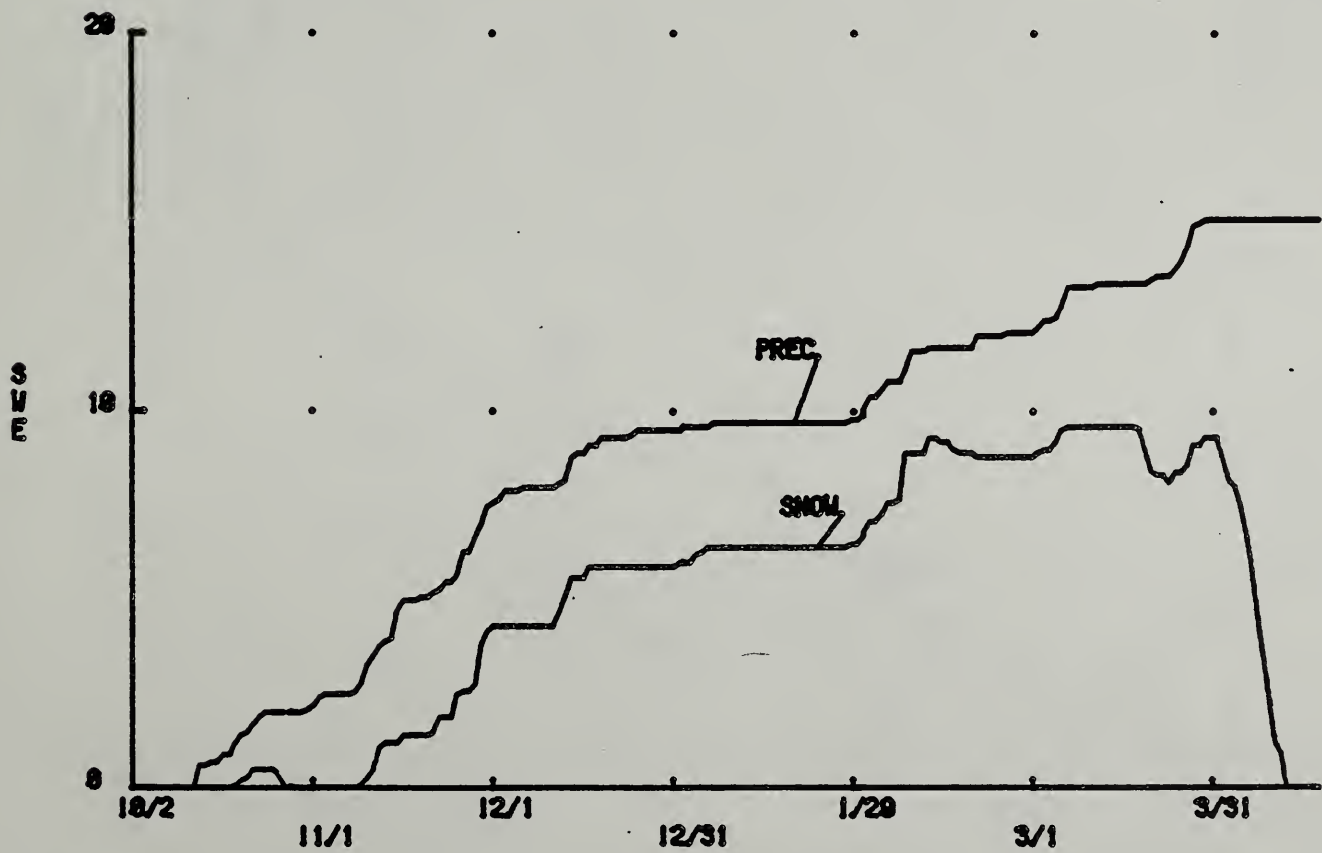
PRECIPITATION STATION	APRIL		WATER YEAR	
	THIS YEAR	61-80 AVERAGE	TOTAL TO DATE	61-80 AVERAGE
BRIDGEPORT R.S.	.05	---	5.30	---
CEDAR PASS, CA	2.20	4.62	25.90	29.43
CEDARVILLE	.36	.97	8.09	11.01
DAGGETT PASS	.38	---	15.47	---
DISMAL SWAMP, CA	3.30	4.03	39.10	43.93
DONNER PARK, CA	.02	2.89	---	35.73
EBBETTS PASS, CA	1.80	4.48	---	47.99
ECHO PEAK, CA	.00	3.41	---	51.15
ECHO SUMMIT (S.S.R.)	1.11	---	39.14	---
ELLERY LAKE	.35	1.87	16.13	19.02
FALLEN LEAF, CA	N O	R E P O R T		
FT BIDWELL	1.07	1.04	12.38	12.25
GEIGER SUMMIT	.12	---	10.46	---
GLENBROOK, NV	.60	1.14	10.94	14.63
HAGAN'S MEADOW, CA	.90	3.17	21.70	29.14
HAPPY CAMP, CA	.36	2.73	42.71	51.28
HEAVENLY VALLEY, CA	.80	3.32	23.30	32.04
HETCH-HETCHY	1.00	3.52	25.33	31.77
INCLINE VILLAGE	.20	---	18.47	---
INDEPENDENCE CAMP, CA	.40	3.37	---	31.78
INDEPENDENCE CREEK, C	.40	2.16	---	32.71
INDEPENDENCE LAKE, CA	2.60	4.37	---	42.42
KINGSBURY GRADE	N O	R E P O R T		
LEAVITT MEADOW, CA	.10	2.28	20.20	36.91
LITTLE VALLEY, NV	N O	R E P O R T		
LOBDELL LAKE, CA	.80	1.98	26.80	22.35
MAMMOTH R.S.	.00	---	22.35	---
MAMMOTH (MIDWAY)	N O	R E P O R T		
MARLETTE LAKE, NV	.70	3.00	25.40	31.27
MEYERS	.07	---	---	---
MT. ROSE, NV	.00	1.59	27.00	27.92
MT. ROSE SKI AREA, NV	1.00	6.03	40.90	63.99
PINE NUT MTNS., LOWER	N O	R E P O R T		
PINE NUT MTNS., UPPER	N O	R E P O R T		
POISON FLAT, CA	.90	2.90	28.60	31.39
RUBICON #2, CA	.90	5.38	32.30	47.14
SAGEHEN CREEK	.13	2.24	21.74	28.52
SIERRAVILLE R.S.	.16	---	18.60	---
S LAKE TAHOE APRT	.12	---	17.56	---
SONORA PASS, CA	.10	3.03	28.80	32.39
SPRATT CREEK, CA	.10	2.85	23.40	35.00
SQUAW VALLEY G C	N O	R E P O R T		
SUSANVILLE ARPT	.01	---	8.16	---
TAHOE CITY-DUKES	.14	2.33	21.85	30.08
TAHOE CITY-USCG	.01	---	16.97	---
TAHOE CITY CROSS, CA	1.20	3.17	25.80	39.88

PRECIPITATION STATION	APRIL		WATER YEAR	
	THIS YEAR	61-80 AVERAGE	TOTAL TO DATE	61-80 AVERAGE
TRUCKEE ARPT	.22	---	15.08	---
TRUCKEE F/P	.40	---	27.60	---
TRUCKEE RS	.23	2.45	25.74	29.58
TRUCKEE #2, CA	.30	3.25	23.70	35.61
TWIN LAKES	.85	4.64	31.29	45.22
VIRGINIA LAKES, CA	.80	7.08	21.00	17.32
WARD CREEK #3, CA	2.80	5.82	50.10	63.53
WET MEADOWS, CA	1.00	3.14	38.70	43.02
WOODFORDS	.20	1.25	13.79	17.74
ZEPHER COVE	N O R E P O R T			

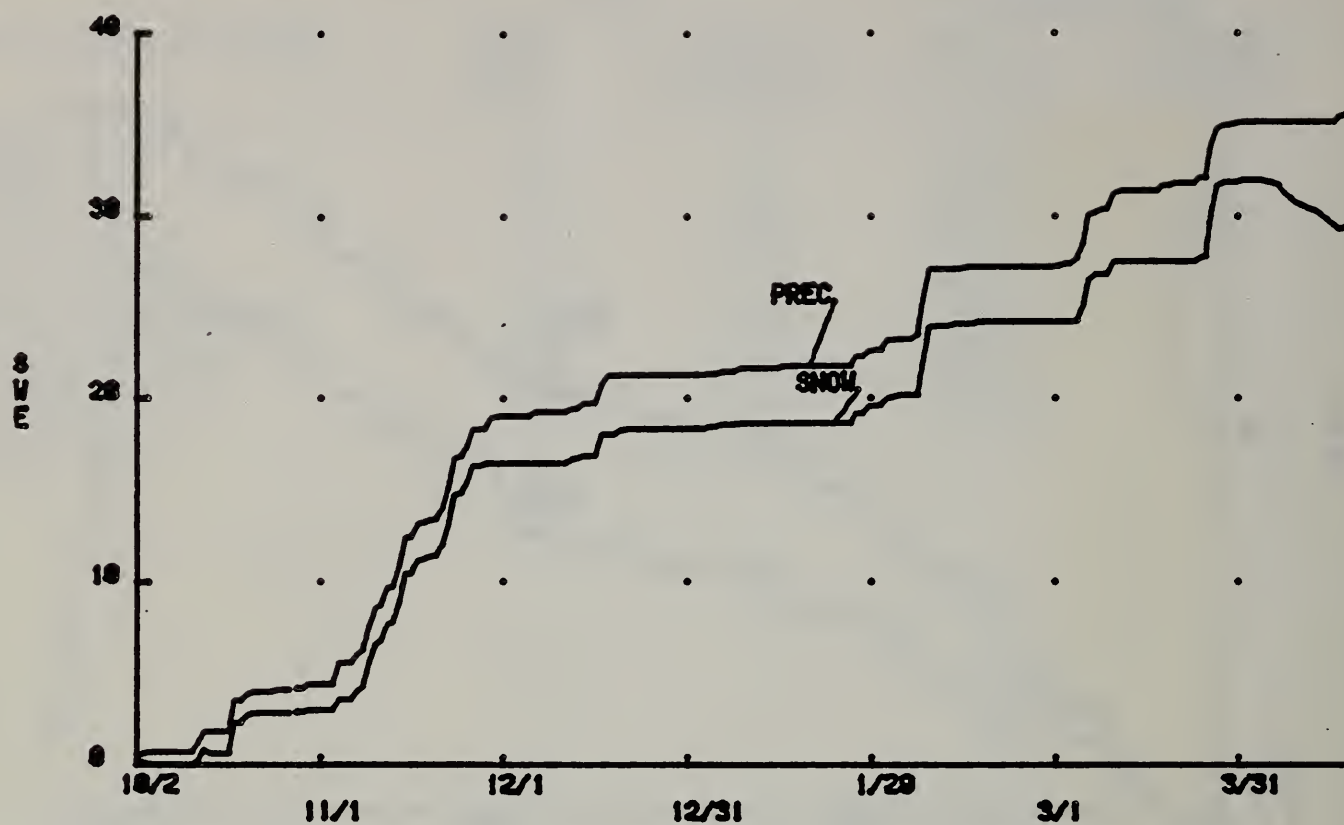
SITE — DORSEY BASIN



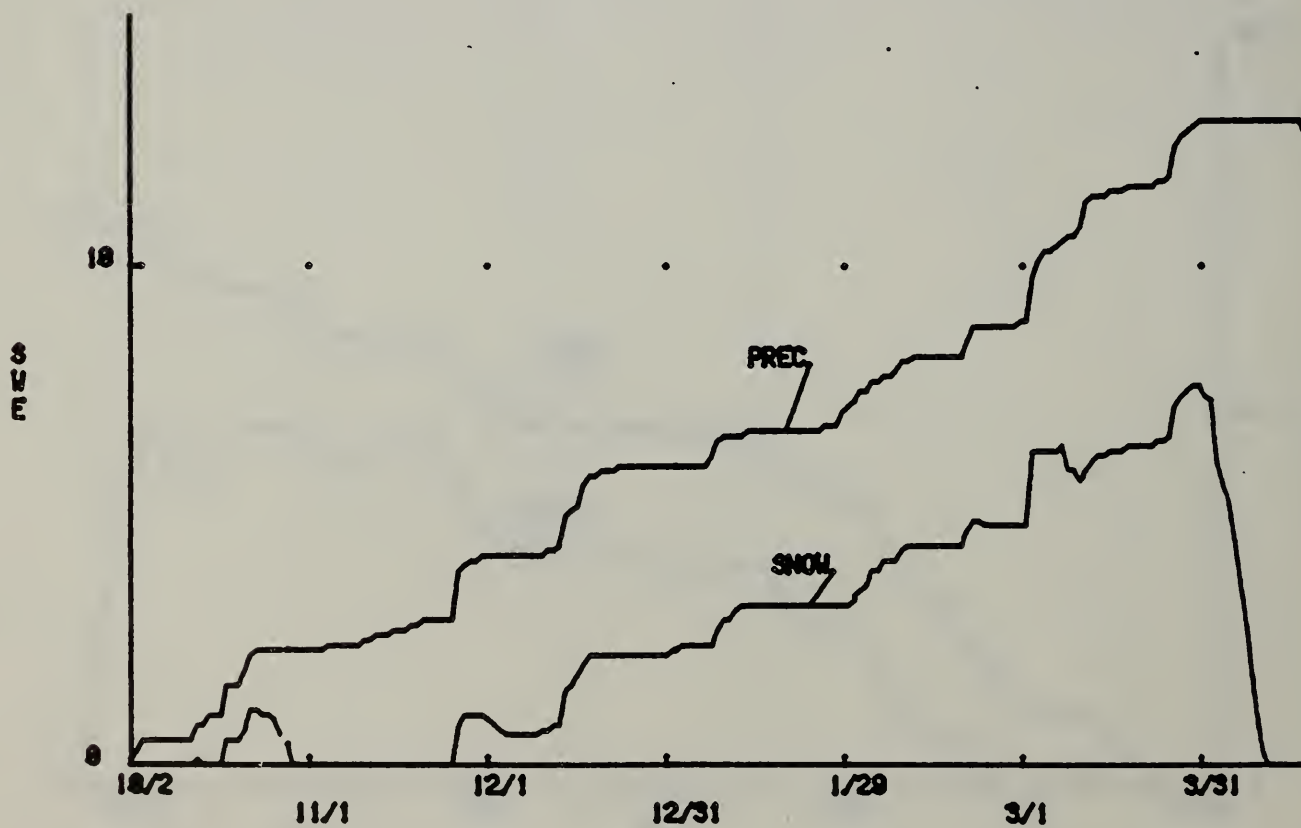
SITE — DISASTER PEAK



SITE — BLUE LAKES



SITE — DIAMOND PEAK



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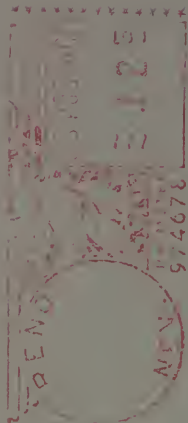
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